



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



April 4, 2000

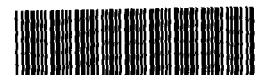
Philip McLellan
Planning Analyst Supervisor
Office of Policy and Management
450 Capitol Avenue
Hartford, CT 06106

Post-it® Fax Note	7671	Date	4/7/00	# of pages	1
To	Toms / Jeff L		From	Lauron / Levine	
Co./Dept.	CEA		Co.	UTC	
Phone #			Phone #		
Fax #			Fax #		

RE: Stadium at Rentschler Field, East Hartford

Dear Phil:

The Permitting, Enforcement & Remediation Division has reviewed the draft conceptual work plan, dated March 21, 2000, which proposes soil and groundwater investigations at the site of the proposed UConn stadium at Rentschler Field in East Hartford, Connecticut. The work plan was prepared by Marin Environmental, Inc. for Baystate Environmental Consultants, Inc. on behalf of the Office of Policy and Management.



RDMS DocID 00100451

At this time, I have the following comments regarding this project:

Pratt & Whitney, the current owner of the property, should submit a report that clearly documents the current condition of the proposed stadium parcel and the remedial actions that have been performed to date. The summary report submitted to the Office of Policy and Management by Loureiro Engineering Associates (undated) indicates that certain soils with concentrations of constituents exceeding direct exposure criteria were proposed to be excavated to a depth of 4 feet below ground surface, with an environmental land use restriction to be placed on the land records to prevent disturbance of contaminated soils below that depth. The summary report also indicates that consideration was given to excavating soils to the seasonal high water table that contained concentrations of constituents exceeding the GB Pollutant Mobility Criteria.

Information is required regarding deicing chemicals, pesticides and herbicides that may have been used at the airport, particularly runway areas. The information should include the identity of the constituents used, the amounts used, the dates of use, and locations of application.

There may be additional constituents of concern related to the agricultural use of the property prior to 1929. This issue should be further researched by Pratt & Whitney and Marin.

Consideration should be given to analysis of soil and groundwater, and possibly sediment samples, for ethylene glycol, propylene glycol and additives to deicing fluids. Research conducted within the last ten years has indicated that tolyltriazoles, a family of chemicals used as corrosion inhibitor additives in antifreeze, may be much more toxic than glycols, the major component of antifreeze. 4-methylbenzotriazole and 5-methylbenzotriazole were detected in soil and groundwater at airports which were studied. The Department notes that ethylene glycol and propylene glycol appear to have relatively low toxicity, and that both glycols apparently biodegrade rapidly.

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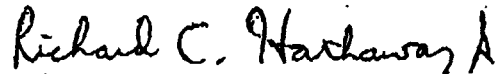
Celebrating Connecticut Coastal Resource Management: 1980 - 2000



Additional sampling and analysis of sediment in Willow Brook and other drainage areas should be performed. Analyses should include pesticides, herbicides, and the aforementioned deicing constituents. In Willow Brook, additional sediment samples should be obtained and analyzed for semivolatile organic compounds (SVOCs), including upstream points near where the brook emerges from the culvert under Silver Lane. SVOCs were previously detected at elevated concentrations at the location where Willow Brook would exit the parcel.

Please feel free to call me at 424-3780 if you have any questions regarding these comments.

Sincerely,

A handwritten signature in black ink that reads "Richard C. Hathaway". The signature is written in a cursive style with a capital 'R' and 'H'.

Richard C. Hathaway
Environmental Analyst 3
Permitting, Enforcement & Remediation Division
Bureau of Water Management